

Amendment to the Abstract:

The Abstract has been amended. A revised Abstract is attached.

~~———— A pseudo signal may be sometimes generated while obtaining a luminance signal.~~

An image signal processing apparatus ~~comprises~~includes an image capturing element ~~1~~ which performs image capturing while utilizing a plurality of types of color filters which are arranged based on repetition of a pattern determined in advance, a color change detecting part ~~15~~ which detects a color change regarding the result of the image ~~capturing~~captured while considering the pattern, and an adder ~~19~~ and a core processing part ~~20~~ which generate a luminance signal regarding the result of the image ~~capturing~~captured based on the result of color change detection.

Attachment